

California OES Weather Threat Briefing

Saturday, December 11, 2021
9:00 AM PST

Day 1 (Saturday): Precipitation will begin moving into the northwest coastline through the day Saturday, but most of the state will remain dry through the daytime hours Saturday. Mountain snow may lead to travel impacts across northern California by Saturday afternoon. Gusty winds will begin to increase ahead of the storm system today, especially in far northern California.

National Weather Service

*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

12/11/21 - 12/17/21

Saturday

- Precipitation will begin moving into the northwest coastline through the day Saturday, but most of the state will remain dry through the daytime hours Saturday
- Heavy snow may lead to travel impacts across northern California mountains by Saturday afternoon and evening.
- Gusty winds will begin to increase ahead of the storm system, especially in far northern California

Saturday Night - Friday

- A significant weather system expected to impact much of the state Saturday night through the middle of next week, with multiple rounds of rain, mountain snow, and gusty winds.
 - Snow levels across Northern California will start around 3000-4000 feet, but accumulating snow is possible as low as 1000 feet above sea level by the end of the storm Tuesday
 - Moderate to heavy rain and snow are expected for Northern California, with two to four inches of rain possible in the valleys of Northern California and several feet of snow likely in the Sierras during this event
 - Strong, gusty winds could lead to tree damage and local power outages
 - Across Southern California, the heaviest precipitation is expected Monday into Tuesday, with up to three inches of rain possible across coastal Southern California.
 - Snow is also expected across higher mountains of Southern California, with travel impacts possible
 - The heavy rain and snow will raise the threat for flash flooding, river flooding, mudslides/debris flows, and travel hazards across the region.
 - **At this time, the burn scars of most concern are the Alisal, Apple, western portions of the Caldor, Creek, Feather River portion of the Dixie, and the SQF Complex.** Burn scars across far northern California are of less concern at this time with the snow level being low during this event.
- Precipitation is expected to end sometime Tuesday night into Wednesday, but additional storms could move into the state later Wednesday into Thursday



CALIFORNIA WEATHER IMPACTS

12/11/21 - 12/17/21

<u>Hazards / Day</u>	SAT	SUN	MON	TUE	WED	THU	FRI
Non-Thunderstorm Damaging Winds	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Inland/ Southern			
Snow	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain/Flash Flooding/ Debris Flow		Coastal/ Inland	All Regions	Inland/ Southern			
Cold							



No Impacts



Minimal Impacts



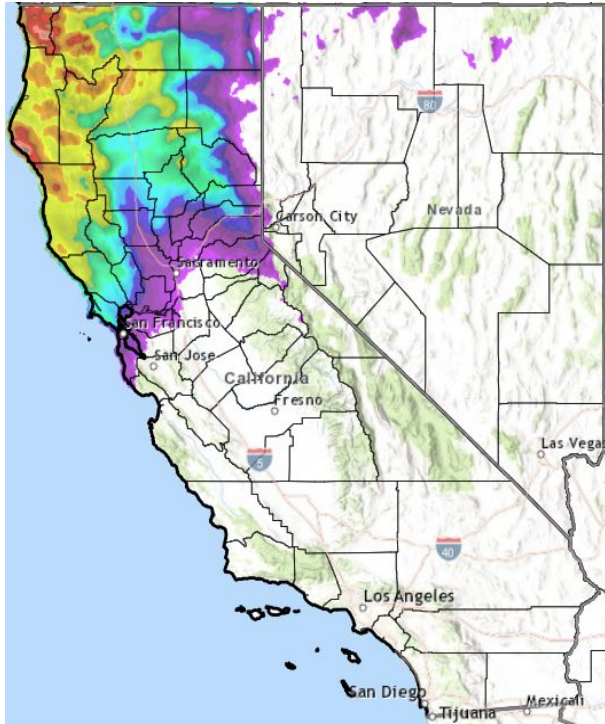
Moderate Impacts



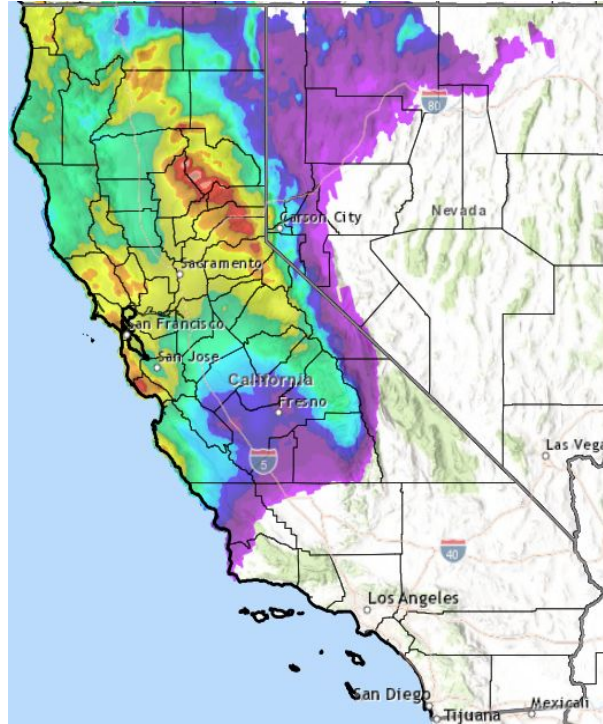
Severe Impacts

PRECIPITATION FORECAST

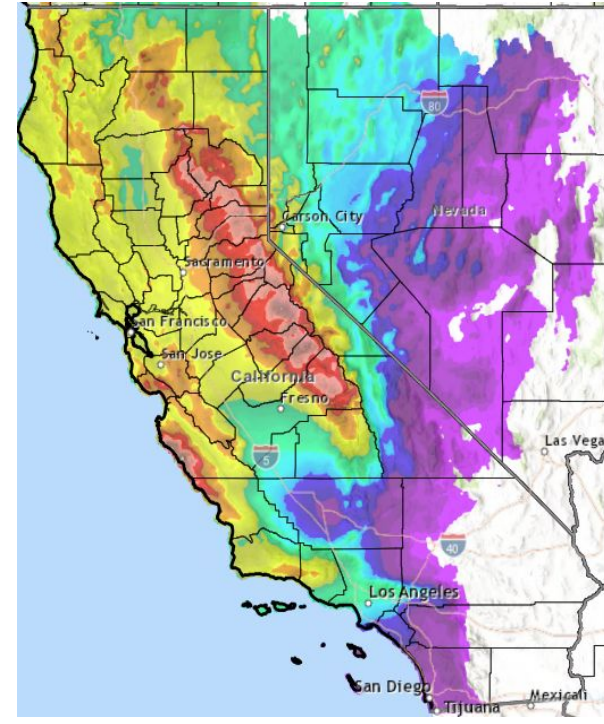
12/11/21 - 12/13/21



Saturday



Sunday



Monday

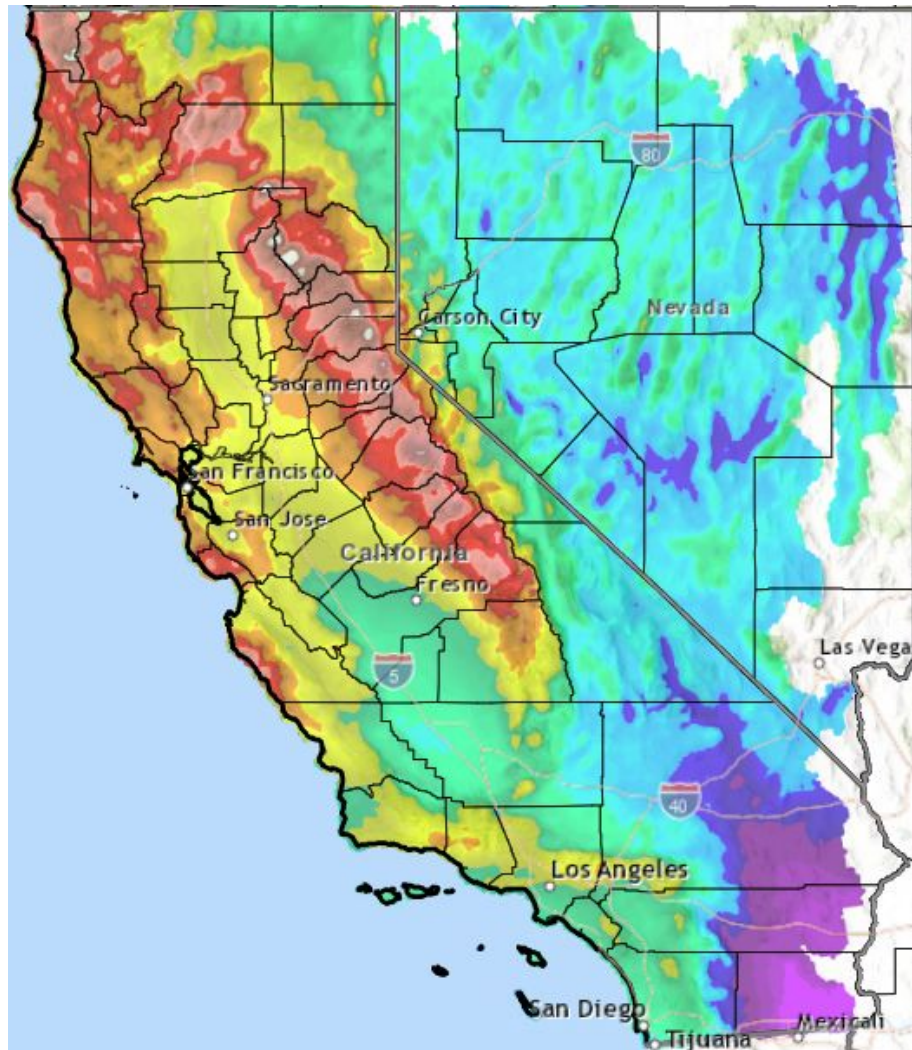
Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



6 DAY TOTAL PRECIPITATION FORECAST

12/11/21 - 12/17/21
(Today through Friday Morning)



Precipitation (inches)



WEATHER OUTLOOK

12/16/21 - 12/24/21

6-10 Day Outlook (December 16 – December 20)

Temperatures

- Below normal temperatures are favored statewide

Precipitation

- Above normal precipitation is favored for the majority of the state, with near normal precipitation favored for far southern California

8-14 Day Outlook (December 18 – December 24)

Temperatures

- Below normal temperatures are favored to continue statewide

Precipitation

- Above normal precipitation is favored statewide



Information provided by:

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